

COURSES ON AGING

UNIVERSITY OF MINNESOTA

1993-94

**ALL-UNIVERSITY COUNCIL ON AGING
CENTER FOR URBAN AND REGIONAL AFFAIRS
UNIVERSITY OF MINNESOTA**



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Compiled by Monica Colberg
All-University Council on Aging

A publication of the Center for Urban and
Regional Affairs.

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The University of Minnesota is committed to
the policy that all persons shall have equal
access to its programs, facilities, and employ-
ment without regard to race, color, creed, re-
ligion, national origin, sex, age, marital status,
disability, public assistance status, veteran
status, or sexual orientation.

This publication is available in alternative
formats upon request. Please call Monica
Colberg, All-University Council on Aging at
612/625-9099.

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HOW TO USE THIS COURSE GUIDE

There are many courses at the University of Minnesota that address aging. This catalogue identifies courses in which aging is a primary focus (50 percent or more course content devoted to age-related issues or older adults).

This edition features a year-at-a-glance view of the Twin Cities campus courses with aging content of 50 percent or more. The course grid appears on pages x-xi. A few courses listed in this publication are not primarily focused on aging issues, but include materials that may be of interest to students of gerontology. These courses are identified as such, and do not appear on the course grid.

This publication will complement the official bulletins and class schedules of the University of Minnesota. Please refer to them or contact the departments for specific information on class offerings. The student should pay attention to the prerequisites for each course as they are described in the college bulletins. Prerequisites marked with # indicate that the consent of the instructor is required. No credit is given if credit has been received for the equivalent course.

THE ALL-UNIVERSITY COUNCIL ON AGING

This publication has been compiled by the All-University Council on Aging (AUCA), in the Center for Urban and Regional Affairs, at the University of Minnesota. AUCA uses a collaborative, interdisciplinary approach to the specific but diverse and expanding field of gerontology. Since its inception in 1976, AUCA has been an effective model of coordination and leadership for education, research, and service to the many parts of the University community that have an interest in aging.

AUCA has a 35-member Policy Committee that broadly represents the U of M disciplines involved in age-related research, curricula, and programming. The Co-chairs and the Policy Committee are appointed by the Vice Presidents for Academic Affairs; Health Sciences; and Agriculture, Forestry, and Human Ecology.

AUCA Mission Statement

The All-University Council on Aging encourages research and provides education in the field of aging. It serves as a bridge between University departments, colleges, and campuses, and as a link to the community. It is a resource to illuminate issues in gerontology. It provides leadership and service through a wide range of activities that reinforce an interdisciplinary view of the study of aging.

In addition to this course guide, AUCA publishes a periodic newsletter, *Aging: News*; a monograph, *Research on Aging, University of Minnesota, 1986-90*, that describes over 135 age-related projects of U of M faculty and doctoral students; and a brochure describing the University's Graduate Minor Programs in Gerontology.

DEGREE PROGRAMS IN AGING

Students specialize in aging at the University of Minnesota through undergraduate, graduate, and post-doctoral and post-graduate programs. These programs are described below. Counseling for students interested in coursework or programs in aging is available through the AUCA office. For further information, call the All-University Council on Aging at 612/625-9099.

UNDERGRADUATE PROGRAMS

College of Human Ecology (formerly Home Economics)

Collateral in Gerontology

Designed for undergraduate students who wish to complement their major with a specialization in gerontology. Program requires 16 credits of prescribed courses and 12 credits of elective courses, as well as previous volunteer experience with the elderly or completion of a supervised field experience. Contact Director of Student Services, College of Human Ecology, at 612/624-1717.

College of Liberal Arts

Bachelor of Arts (BA) or Bachelor of Science (BS)

Major in one of the traditional disciplines, such as sociology, with appropriate aging courses in major and/or minor departments. The Department of Sociology specifically offers an undergraduate minor in aging. Department of Sociology office telephone: 612/624-4300.

Bachelor of Individualized Studies (BIS)

Coursework grouped into "areas" that may be departmental or inter-departmental in composition. Aging comprises one of these areas. One area may be from outside College of Liberal Arts. Eighty-five credits, of which seventy-five credits must be 3/5xxx level courses. BIS office telephone: 612/624-8006.

Individually Designed Inter-Departmental Major (IDIM)

Interdepartmental program of coursework on the theme of aging is developed in consultation with the student, faculty and staff advisors. Eighty credits in the major, of which sixty credits must be 3/5xxx level courses. Program leads to a BA. IDIM office telephone: 612/624-8006.

University College

Inter-College Program (ICP)

The ICP allows students to design a 180 credit interdisciplinary, inter-collegiate program leading to the B.A. or B.S. degree with an emphasis on aging drawn from many segments of the University. ICP office telephone: 612/624-2004.

Program for Individualized Learning (PIL)

PIL advisor and the student work closely to develop an individualized program in aging combining courses, directed study projects, and experiences. Program leads to the B.A. or B.S. degree. PIL office telephone: 612/624-4020.

GRADUATE PROGRAMS

The Minor in Gerontology is available for the M.A./M.S. or Ph.D. student. Alternatively, the master's related area and the doctoral supporting program requirement in gerontology may be met with courses on aging offered by many departments. Students who have focused in gerontology have majored in many departments including (but not limited to): Curriculum and Instruction (Adult Education); Dentistry; Design, Housing, and Apparel; Family Social Science; Nursing; Psychology; the Humphrey Institute of Public Affairs; Public Health; Social Work; and Sociology. Some of these programs are profiled below. For further information, contact the All-University Council on Aging at 612/625-9099.

Graduate Minor Program in Gerontology

The Graduate Minor Program in Gerontology provides a multidisciplinary foundation in gerontology and a concentration in at least two of the following four areas: biological or medical sciences; psychological, behavioral, or social sciences; humanities or fine arts; and public policy and practice, economics, law, or politics. The program is developed in consultation with the Director of Graduate Studies of the All-University Council on Aging.

At the master's level, the minor program requires a minimum of 9 graduate level quarter credits that includes the course Multidisciplinary Perspectives on Aging. The doctoral program requires a minimum of 18 graduate level quarter credits that includes the course Multidisciplinary Perspectives on Aging.

Thirty-seven individuals from many disciplines comprise the faculty for the graduate minor program. For further information on the Graduate Minor Program in Gerontology, call the AUCA office at 612/625-9099.

School of Nursing

An MS in Nursing is offered as well as the Ph.D. The student may pursue a minor, related area, or supporting program in gerontology. The master's level student may select the Gerontologic Nurse Practitioner area or the Gerontological Clinical Nurse Specialist area of study. For information call Marilyn Sime, Ph.D., Director of Graduate Studies, at 612/624-7974.

Hubert H. Humphrey Institute of Public Affairs

Students pursuing a Master of Arts in Public Affairs (MA) or a Master of Planning (MP) degree may take a concentration in aging and public policy (12-18 credits for concentration of 64 total credits). For a copy of the *Humphrey Institute Bulletin*, call 612/625-9505.

School of Public Health

A Master's of Science (MS) may be obtained in Health Services Research and Policy. The two-year program with a summer internship consists of 57 required credits plus electives. A four-year doctoral program (Ph.D.) may be obtained in Health Services Research, Policy, and Administration, for students interested in academic careers or senior research positions in government or the private sector. Contact Janet Shapiro, Coordinator, for both programs, at 612/624-9432.

A pre-licensure program in Long-Term Care Administration is available. No certificate or degree awarded for 30 credits in areas that are required to qualify for licensure of nursing home administration. Contact Diane McClellan, Student Personnel Worker, at 612/624-5159.

School of Social Work

An MSW is offered as well as the Ph.D. The master's level student may select from two concentration areas: direct practice or human service management. For further information on the MSW program, contact the Director of Admissions at 612/624-1096. For information on the Ph.D. program, call the Director of the Doctorate Program at 612/624-5888. Students may elect to minor in gerontology.

PRE- AND POST-DOCTORAL OPPORTUNITIES

Interdisciplinary

The University of Minnesota, together with the Minneapolis VA Medical Center's GRECC program, offers pre-doctoral and post-doctoral training in the behavioral neuroscience of aging with funding from the National Institute on Aging. The goals of the training are to provide comprehensive, in-depth experience to prepare fellows to pursue basic, clinical, or applied research careers in aging; to enable trainees to be

conversant with multi- and interdisciplinary environments and approaches in aging. This training program is focused on two major research areas: epidemiology/health services research/demographics and behavior pharmacology/cognition/behavior. Pre-doctoral trainees must be graduate students in the Departments of Psychology, Child Development, Epidemiology, or Health Services Research. Post-doctoral opportunities are available in these areas of specialization as well as in Neurology, Psychiatry, and Pharmacology. Contact Celia Wolk Gershenson, Ph.D., Coordinator, at 612/626-1557 or 725-2052.

POST-DOCTORAL AND POST-GRADUATE PROGRAMS

School of Dentistry

A post-doctoral academic (M.S.) geriatric dentistry degree program open to students who have obtained the D.D.S. Contact Stephen Shuman, D.D.S., M.S., Assistant Professor and Director of the Graduate Program in Oral Health Services for Older Adults at 612/626-0158.

Fellowship Program in Geriatric Academic Medicine and Dentistry

A two-year fellowship program designed to train physicians and dentists in geriatric academic medicine and dentistry. Applicants must have the M.D. or D.D.S. and be board eligible or board certified. Applicants may be from family practice, internal medicine, psychiatry, obstetrics and gynecology, rehabilitative medicine, or dentistry. Two physicians and one dentist will be admitted to the program each year. Contact Ken Hepburn, Ph.D., Coordinator, Fellowship Program in Geriatric Academic Medicine and Dentistry at 612/627-4977.

COURSES ON AGING—TWIN CITIES CAMPUS

ACADEMIC YEAR 1993-1994

Course	Day, Time and Quarter Offered			
	Fall 1993	Winter 1994	Spring 1994	Special Term *
Mult. Persp. on Aging -- AdEd 5440, CPsy 5305, HSU 5009, Nurs 5780, Phar 5009, PA 5414, PubH 5737, SW 5024, Soc 5960	M W 4:40-6:25		M W 4:40-6:25	
Biology of Aging -- HSU 5031, Phar 5007, SAPH 5007		Th 4:40-6:25		
CDIS 5102			M 4:30-6:30	
CDIS 5608			T Th 5:00-6:45	
Dent 5945	Day/Time Arranged	Day/Time Arranged	Day/Time Arranged	
Dent 5989	Day/Time Arranged	Day/Time Arranged	Day/Time Arranged	
Dent 5990	Day/Time Arranged	Day/Time Arranged	Day/Time Arranged	
Dent 5992-5993-5994	Day/Time Arranged	Day/Time Arranged	Day/Time Arranged	
DHA 5481		M W 5:00-7:00		
Engl 5910		T Th 11:15-12:30		
FPCH 5515				Day/Time Arranged
FPCH 5650-5651-5652	Th 3:30-4:30	Th 3:30-4:30	Th 3:30-4:30	
FSoS 5251			M 5:30-8:40	
InMD 5500				Day/Time Arranged
Kin 5983				Day/Time Arranged
Nurs 5480		Th 11:15-12:05	Th 11:15-12:05	
Nurs 5609			T 4:40-6:35	
Nurs 5642			Tentative-1995	
Nurs 5782, PubH 5736		W 1:25-4:10		
Nurs 5940		W 4:40-6:35		
Nurs 5941			W 5:45-7:40	
Nurs 5943	W 4:40-6:35			
Nurs 5944	Day/Time TBA			
Nurs 5946		W 4:40-6:35		
Nurs 5947		W 1:25-3:20		
Nurs 8020			W 4:40-7:30	

Nurs 8021				SS 1994, T 3:30-7:00
Nurs 8040		T 6:25-9:30		
Nurs 8050	Day/Time Arranged	Day/Time Arranged	Day/Time Arranged	
Otol 5970	Day/Time Arranged	Day/Time Arranged	Day/Time Arranged	Day/Time Arranged
Phar 5517		Tentative Th 10:10-12:05		
PMed 5810		Th 4:40-7:25		
PMed 8170	Day/Time Arranged	Day/Time Arranged	Day/Time Arranged	
Psy 5138		T Th 1:25-2:40		
Psy 8970	T 4:30-6:00	T 4:30-6:00	T 4:30-6:00	
PA 5413		Day/Time TBA		
PubH 5736, Nurs 5782		W 1:25-4:10		
PubH 5749	M 8:00-8:50 W 8:00-9:55			
PubH 5750			M 10:10-12:05, W 10:10-11:00	
PubH 5780	Time Arranged			Independent Study
PubH 5781		Time Arranged		Independent Study
PubH 5782	Time Arranged	Time Arranged	Time Arranged	Independent Study
PubH 5783			Time Arranged	Independent Study
PubH 5784				Independent Study
PubH 5787				Independent Study
PubH 5788				Independent Study
PubH 5932	Tentative-1994			
Rec 5240			MW 1:25-3:20	
SW 3970/5970/8970	Day/Time Arranged	Day/Time Arranged	Day/Time Arranged	Day/Time Arranged
SW 5010		W 5:00-8:30		
Soc 3937				Tentative - 1994-1995
Soc 5938				Tentative - 1994-1995
WoSt 3300			M 6:20-8:50	
WoSt 5201		W 1:25-3:55		

Only the courses which contain 50% or more aging content are included in this grid. Additional courses are described in the text.

* See course description for further details.

TWIN CITIES CAMPUS

ADULT EDUCATION (EDUCATION)

Contact: Harlan Copeland, Associate Professor, 625-6288.

AdEd 5440 Multidisciplinary Perspectives on Aging.

(4 cr; prereq soph; Joint Day/Extension class) Smallen,
Copeland, AUCA faculty

Fall 93, Spring 94

M W, 4:40-6:25, Minneapolis

(Concurrent with CPsy 5305, HSU 5009, Nurs 5780, PA 5414, Phar 5009, PubH 5737, Soc 5960, SW 5024) A multidisciplinary introduction to aging and the aging process. Topics include biological, social, psychological aspects of aging; theories of aging; death and bereavement; issues and problems of older adults in America; human services and their delivery systems such as social services, health, nutrition, long-term care, and education; public policy and legislation; environments and housing; advocates; retirement; lifelong learning; and leisure.

The following courses are not primarily focused on aging issues, but include material of interest to students studying gerontology.

AdEd 5104 Survey of Adult Education.

(3 cr; prereq sr; Joint Day/Extension class) Copeland

Fall 93, Spring 94

M, 3:35-6:00, St. Paul

General concepts in the field; literature, objectives, history, philosophy, research, institutions and problems.

AdEd 5401 Adult Learning and Development.

(3 cr; Joint Day/Extension class) Williams

Fall 93, Spring 94

Th, 3:35-6:00, St. Paul

Physiological, social and cultural basis of adult behavior, motivation, socialization, personality change as applied to education of adults.

CHILD PSYCHOLOGY

Contact: W. Andrew Collins, Director of Undergraduate Studies, 624-1551

CPsy 5305 Multidisciplinary Perspectives on Aging.

(4 cr; prereq soph; Joint Day/Extension class) Smallen, AUCA faculty
Fall 93, Spring 94
M W, 4:40-6:25, Minneapolis

(Concurrent with AdEd 5440, HSU 5009, Nurs 5780, PA 5414, Phar 5009, PubH 5737, Soc 5960, SW 5024) A multidisciplinary introduction to aging and the aging process. Topics include biological, social, psychological aspects of aging; theories of aging; death and bereavement; issues and problems of older adults in America; human services and their delivery systems such as social services, health, nutrition, long-term care, and education; public policy and legislation; environments and housing; advocates; retirement; lifelong learning; leisure.

COMMUNICATION DISORDERS

Contact: Barbara London, Associate Administrator, 624-3322

CDis 5102 Communication Problems of Adults.

(3 cr; prereq non-major students in speech pathology, Joint Day/Extension class) Starr
Spring 94
M, 4:30-6:30 plus one hour arranged per week

Specific problems of hearing, speech, language, and voice in adults for persons interested in human communication. Information basic to the communicatively impaired adult. Implications for familial, social, academic and vocational adjustments to living.

CDis 5608 Language Assessment and Intervention-Adults.

(4 cr; prereq CDis 5302 or #; Joint Day/Extension class) Brookshire
Spring 94
T Th, 5:00-6:45, Minneapolis

Analysis of language disorders in primarily adult populations with special emphasis on assessment and intervention strategies applicable to aphasia and other neurogenic disorders.

DENTISTRY

Contact: Stephen Shuman, Assistant Professor and Director of Graduate Program in Oral Health Services for Older Adults, 626-0158. For further information, see page ix of this publication.

Dent 5945 Geriatric Hospital Dentistry.

(Arranged cr; prereq #; Day class) Shuman, Ofstehage
Fall 93, Winter 94, Spring 94
Day, time arranged, Minneapolis

Rotations at the University of Minnesota Hospital Dental Clinic and/or the Minneapolis V.A. Medical Center Dental Clinic. Management of elderly patients in acute care settings. Dental management of patients compromised by medical therapies such as radiation treatment or chemotherapy, as well as those with other acute illnesses.

Dent 5989 Advanced Clinical Geriatric Dentistry.

(Arranged cr; prereq #; Day class) Shuman
Fall 93, Winter 94, Spring 94
Day, time arranged, St. Paul

Practical clinical experience in examination, diagnosis, treatment planning and treatment of older adult patients in the dental clinic at the Amherst H. Wilder Senior Health Center.

Dent 5990 Field Experience: Administration in a Multidisciplinary Health Center.

(Arranged cr; prereq #; Day class) Smith
Fall 93, Winter 94, Spring 94
Day, time arranged, St. Paul

Administrative and management concerns related to the development of a dental service in a multidisciplinary care facility for older adults. Field placement at the Amherst H. Wilder Senior Health Center and affiliated residencies.

Dent 5992-5993-5994 Oral Health Services for Older Adults.

(Arranged cr; prereq #; Day class) Shuman, Ofstehage, Smith
Fall 93, Winter 94, Spring 94
Day, time arranged, Minneapolis

A series of seminars for graduate students which will focus on a broad variety of topics related to aging, the oral health of older adults, and the delivery of oral health services to older adults. Students present articles, complex clinical cases, and ongoing research projects for group discussion.

DESIGN, HOUSING, AND APPAREL

Contact: Evelyn Franklin, Associate Professor, 624-2290 or 624-9700

DHA 5481 Designed Environments for Aging.
(4 cr; prereq DHA (Hsg) 3463 or 3863 or Dsgn 1555 or 1642 or #; Joint Day/Extension class) Franklin
Winter 94
M W, 5:00-7:00, St. Paul

(Formerly Dsgn 5581) Design of environments with potential to compensate for deficits in physical and mental functioning; emphasis on older adults and on barrier-free, flexible, and responsive physical environments.

The following course is not primarily focused on aging issues, but includes material of interest to students studying gerontology.

HSG 5468 Housing Problems of the Family.
(5 cr; prereq HSG 1401 (1801), 3463 (3863), or Dsgn 1642 (1555), or #; Day class) Franklin
Fall 93
T Th, 11:45-2:45, St. Paul

Housing problems of low-income, elderly, and minority individuals and families. Emphasis on rehabilitation of older housing including rehabilitation process, programs, and projects. Students work with a low-income inner-city client family on a home improvement project.

ECONOMICS

Contact: JoAnn Ash, Executive Secretary, 625-6353

The following course is not primarily focused on aging issues, but includes material of interest to students studying gerontology.

Econ 5821 Elements of Public Finance.
(4 cr; prereq Econ 3101, 3103 or equivalent; not open to Economics majors; Day class) Merlo (Fall), Ichimura (Winter), Anderson (Spring), Instructor TBA (Spring Semester)
Fall 93—M W F, 10:10-11:00, Minneapolis
Winter 94—T Th, 2:15-3:30, Minneapolis
Spring 94—M W F, 8:00-8:50, Minneapolis
Spring Semester 94—W, 6:10-7:50

Tax and expenditure policies, primarily at federal level. Impact of tax structure on the distribution of income. Evaluation of public programs. Optimal mix of public and private sector output.

EDUCATIONAL PSYCHOLOGY

Contact: Sande Hill, Executive Secretary, 624-7003

The following course is not primarily focused on aging issues, but includes material of interest to students studying gerontology.

EPsy 5434 Counseling Adults in Transition.
(3 cr; Joint Day/Extension class) Romano
Fall 93
W, 4:15-6:45, Minneapolis

Theoretical and empirical knowledge to provide bases for analyzing adaptation to transitions; applications of counseling interventions and training in coping skills to cases of life change. Must be taken A-F.

ENGLISH

Contact: Arthur Geffen, Associate Chair, Department of English, 625-3363

Engl 5910 Topics in English and North American Literature: Youth and Old Age in Modern Literature and Film.
(4 cr; Day class) Luke
Winter 94
T Th, 11:15-12:30, Minneapolis

A study of youth and old age in modern literature and film. Films will include *On Golden Pond*, *Providence*, and *Traveling North*. Texts will include *King Lear*, *Great Expectations* (Dickens), *The Old Man and the Sea* (Hemingway), *The Spectator Bird* (Stegner), *October Light* (John Gardner), *Love in the Time of Cholera* (Marquez), and *At Seventy: A Journal* (May Sarton).

FAMILY PRACTICE AND COMMUNITY HEALTH

Contacts: Kenneth Hepburn, Assistant Professor, 627-4977;
Richard Reed, Associate Professor, 627-4299; Hal Seim, Assistant Professor, 624-0176

FPCH 5515 Preceptorship in Gerontology Community Health.
(9 cr; prereq registered medical school student; Day class)
O'Neil
Special terms, time arranged

The student obtains clinical experience in geriatric medicine by participating in the care of elderly patients in the acute care hospital, the nursing home (skilled and intermediate care), the ambulatory clinical for inde-

pendent living, and the home in conjunction with a private home health care service. Regularly scheduled rounds and conferences are presented by various members of the geriatric health care team. The student is expected to complete a specific project involving health care of the elderly.

FPCH 5650 Principles of Geriatric Medicine.

(1 cr; prereq advanced level graduate student; Day class)
Hepburn
Fall 93
Th, 3:30-4:30, Minneapolis

Overview of normal aspects of aging from a biopsychosocial model, focusing on the unique problems and diseases which can occur in a geriatric population. Theories of aging, changes of aging and disease processes in the elderly, psychosocial issues relating to the developmental stage of the geriatric patient, and delivery of care issues will be explored. Course provides a clinical knowledge base for professionals involved in geriatric health care.

FPCH 5651 Principles of Geriatric Medicine.

(1 cr; prereq advanced level graduate student; Day class)
Boult
Winter 94
Th, 3:30-4:30, Minneapolis

Second in a series of three courses providing an overview of the moral aspects of aging from a biopsychosocial model. Each course may be taken independently. Psychological, social, cultural, and environmental changes of aging and the impact an illness, mental or physical, can have on the geriatric patient and their family, will be explored. Course provides a clinical knowledge base for professionals involved in geriatric health care.

FPCH 5652 Principles of Geriatric Medicine.

(1 cr; prereq advanced level graduate student; Day class)
Hepburn
Spring 94
Th, 3:30-4:30, Minneapolis

Third course in a series of three providing an overview to the moral aspects of aging from a biopsychosocial model. Each course may be taken independently. Course will explore the unique presentation of disease in the geriatric patient; diagnostic and therapeutic procedures for management of acute and chronic problems; principles of rehabilitation; health maintenance; multiple disease patterns; pharmacodynamic principles of drug therapy; case management and multidisciplinary teams in geriatric medicine. Course provides a clinical knowledge base for professionals involved in geriatric health care.

FAMILY SOCIAL SCIENCE

Contacts: Kathy Witherow, Associate Administrator, 625-1900 or 625-8771; William Goodman, Coordinator, 625-1900

FSoS 5251 Aging Families.

(4 cr; prereq FSoS 5200 or SW 5024 or equiv; Joint Day/
Extension class) Detzner
Spring 94
M, 5:30-8:40, St. Paul

Aging families examined as complex developing systems interacting within a changing social structure. The dynamics of marital relationships, role changes, and family caregiving are explored and interactions between aging families, social service, and health care bureaucracies are analyzed.

The following course is not primarily focused on aging issues, but includes material of interest to students studying gerontology.

FSoS 3600 Family Issues Across the Lifespan

(5 cr; prereq Psy 1001; Soc 1001; Day class) Detzner
Fall 93
T Th, 9:35-11:40, St. Paul

Major family theories serve as frameworks to analyze selected problems confronting families throughout the lifespan. Family caregiving one of eight issues explored.

FINANCE (See INDUSTRIAL RELATIONS)

FOOD SCIENCE AND NUTRITION

Contact: Mary Darling, Assistant Professor, 624-6286 or 624-1290

The following courses are not primarily focused on aging issues, but include material of interest to students studying gerontology.

FScN 3610 Community Nutrition.

(3 cr; prereq FScN 1612, 5 cr anthropology, psychology or sociology; Joint Day/Extension class) Darling
Spring 94
M W, 4:05-5:40, St. Paul

Focus on nutritional health services and education in United States and world-wide for various age groups as well as techniques for providing these in local communities.

FScN 3612 Biological Aspects of Nutrition.

(4 cr; prereq 1612 and Chem 3302 or equiv; Day class)

Savaiano

Winter 94

Day, time TBA

Biological aspects: influence of biological changes throughout life cycle on nutrient requirements; needs as affected by exercise, digestion, absorption, energy and other nutrient balances; protein energy malnutrition, infection.

GENETICS AND CELL BIOLOGY

Contact: Robert McKinnell, Professor, 624-2285 or 624-3003

The following course is not primarily focused on aging issues, but includes material of interest to students studying gerontology.

GCB 3008 Biology of Cancer.

(3 cr; prereq Biol 1009; Extension class) McKinnell

Spring 94

W, 6:30-9:00, St. Paul

(Concurrent with Nurs 5881) Biological aspects of etiology, phylogeny, and cellular processes involved in neoplasia. Growth and differentiation of normal and cancer cells. The history of cancer research.

HEALTH SCIENCE UNITS

Contact: Suzanne Schoenfelt, HSU Courses, 624-7102; David Garloff, Chair, Health Sciences Educational Policy Committee, 624-5909

Students who wish to apply 5-level Health Science Units (HSU) courses toward M.Ed., M.P.H., and PharmD may do so under the terms of their approved degree programs. However, HSU courses do not qualify for Graduate School credit. Students who wish to obtain Graduate School credit for a 5-level course that is jointly listed with an HSU course must register for the course under the other department's course number and designator. For further information, call the All-University Council on Aging at 625-9099.

HSU 5009 Multidisciplinary Perspectives on Aging.

(4 cr; prereq soph; Joint Day/Extension class) Smallen, AUCA faculty

Fall 93, Spring 94

M W, 4:40-6:25, Minneapolis

(Concurrent with AdEd 5440, CPsy 5305, Nurs 5780, PA 5414, Phar 5009, PubH 5737, Soc 5960, SW 5024) A multidisciplinary introduction to aging and the aging process. Topics include biological, social, psycho-

logical aspects of aging; theories of aging; death and bereavement; issues and problems of older adults in America; human services and their delivery systems such as health, nutrition, long-term care, and education; public policy and legislation; environments and housing; advocates; retirement; lifelong learning, leisure.

HSU 5031 Biology of Aging.

(2 cr; Joint Day/Extension class) McKennell

Winter 94

Th, 4:40-6:25, Minneapolis

(Concurrent with Phar 5007, SAPH 5007) Biological theories of aging are reviewed; biological changes associated with aging in selected organ sensory systems are studied. The nutritional needs and medication use of the elderly are examined. Physical changes due to normal aging are contrasted with those having a pathological basis. Note: Tentatively scheduled to be simultaneously taught on Twin Cities and Morris campuses. Contact instructor or call AUCA for further information: 612/625-9099.

HISTORY

Contact: Clarke Chambers, Professor, 624-1089; main department 624-2800

The following course is not primarily focused on aging issues, but includes material of interest to students studying gerontology.

Hist 5349 Social Welfare in America.

(4 cr; Day class) Chambers

Fall 93

T Th, 11:15-12:30, Minneapolis

Advanced survey of social services, public policies, and the profession of social work, colonial era to present. Issues include dependency, deviant populations, crime, social security, public health, social reform, the functions of public and voluntary institutions (charities, settlements).

INDEPENDENT STUDY

Nurs 5691 Lifespan Growth and Development II. (2 cr) Dehart

The following courses are offered through the Center for Long-Term Care Administration, School of Public Health. The series is designed for individuals entering the field of long-term care administration, and courses are approved by the Minnesota State Board of Examiners for Nursing Home Administrators. Most courses combine on-campus seminars, correspondence study, and final examinations. See course descriptions listed under Public Health.

Contact: George Kenneth Gordon, Ed.D., Center Coordinator, or Diane McClellan, Student Personnel Worker, 624-5159.

PubH 5780 Administration and Law in Long-Term Care. (2-6 cr) Gordon, Feinwachs, staff

PubH 5781 Gerontology and Services for Long-Term Care Residents. (2-6 cr) Gordon, staff

PubH 5782 Practicum in Long-Term Care Administration. (6 cr) Gordon and preceptors

PubH 5783 Managerial Accounting in Long-Term Care Administration. (6 cr; prereq introductory accounting course) Gordon, Tranter, staff

PubH 5784 Issues in Long-Term Health Care. (2 cr) Gordon, Aroskar, Fawcett

PubH 5787 Public Policy, Regulation, and Compliance. (2 cr) Gordon

PubH 5788 Management Information Systems in Long-Term Care. (2 cr) Gordon

INDUSTRIAL RELATIONS

Contact: James Scoville, Professor, 624-2500; Andrew Whitman, Professor, 624-2500

The following course is not primarily focused on aging issues, but includes material of interest to students studying gerontology.

Ins 5100 Risk Management and Insurance. (4 cr; Day class) Whitman Fall 93 T Th, 12:45-2:15, Minneapolis (4 cr; Extension class) Whitman Fall 93, Sec 1 T, 5:30-8:30, Minneapolis Spring 94, Sec 2 Th, 5:30-8:30, Minneapolis

How to recognize and evaluate the property, liability, and personnel risks facing a business, a nonprofit organization, a government unit, or an individual or family. The tools of risk management—mainly retention, loss control, and insurance—and the conditions under which they should be used. Business property and liability insurance, social insurance, employee benefits, foreign expansion, and family risk management. How to select and deal with an insurer. Public policy issues, such as availability of insurance; insurance pricing; employee benefits; workers' compensation; automobile, professional and product injury/compensation systems, and social insurance.

INTERDISCIPLINARY MEDICINE

Contact: Richard Reed, Associate Professor, 627-4299

InMD 5500 Clinical Medicine IV: Ambulatory Medicine. (9 cr; prereq third or fourth year medical student; Day class) Instructor TBA Day, time arranged

* Six-week course which includes sixty hours of classroom instruction and clinical experiences. Geriatrics is one of four electives that the student may choose.

KINESIOLOGY (formerly PHYSICAL EDUCATION)

Contact: Robert Serfass, Associate Professor, 625-1007

KIN 5983 Readings.
(Arranged [1 to 9] cr; prereq graduate student; Day class)
Serfass
Day, time arranged

Readings under tutorial guidance on exercise physiology, problems in coordination and control, postural stability and vision and the elderly.

The following course is not primarily focused on aging issues, but includes material of interest to students studying gerontology.

KIN 5385 Exercise for Special Populations.
(3 cr; prereq undergrad-level physiology or biology; qualified students may register for graduate credit; Extension class) Serfass
Winter 94, Sec 1
W, 6:15-8:15, Minneapolis

Problems associated with exercise for persons with various conditions or diseases such as arthritis, cancer, diabetes, mental disorders, obesity, old age, or paralysis. Recommended exercise prescriptions and potential benefits for special populations. Must be taken A-F.

NURSING

Contact: Sharon Ostwald, Associate Professor, 626-1133; Muriel Ryden, Professor, 624-6939 or 624-1100; Mariah Snyder, Professor, 624-2686

Nurs 5480 Special Topics: Role of Baccalaureate Nurse in the Nursing Home Setting.
(Arranged cr; Day class) Weisensee
Winter 94, Spring 94
Th, 11:15-12:05, Minneapolis

Students spend time with a preceptor (a B.S. baccalaureate in Nursing) in a long-term care facility to learn his/her role and the roles of other disciplines which contribute to the resident's care. Major project is a paper on an issue related to the functioning of long-term care or teaching a class to professional or ancillary staff.

Nurs 5609 Special Educational Experiences in Nursing: Menopause—A Multidimensional Approach.
(2 cr; prereq upper division student; baccalaureate degree or R.N.; prereq for grad credit: R.N. with baccalaureate degree) Camillo
Spring 94, Sec 3
T, 4:40-6:35, Minneapolis

A study of menopause through an exploration of the physiological, developmental, historical, socio-cultural, nursing, and medical interfaces associated with the uniquely female experience. Issues and research involving hormone replacement therapy, alternative interventions. May be taken S-N.

Nurs 5642 Behavioral Problems in Persons with Dementia.
(2 cr) Ryden
Offered alternative years; tentatively scheduled Spring 95.
Theories and research that contribute to understanding behavioral problems in dementia and their relationship to clinical management.

Nurs 5780 Multidisciplinary Perspectives on Aging.
(4 cr; prereq soph; Joint Day/Extension class) Smallen, Ostwald, Ryden, AUCA faculty
Fall 93, Spring 94
M W, 4:40-6:25, Minneapolis

(Concurrent with AdEd 5440, CPsy 5305, HSU 5009, PA 5414, Phar 5009, PubH 5737, Soc 5960, SW 5024) A multidisciplinary introduction to aging and the aging process. Topics include biological, social, psychological aspects of aging; theories of aging; death and bereavement; issues and problems of older adults in America; human services and their delivery systems such as social services, health, nutrition, long-term care, and education; public policy and legislation; environments and housing; advocates; retirement; lifelong learning; and leisure.

Nurs 5782 The Elderly: A High-Risk Population.
(3 cr; prereq grad; Joint Day/Extension class) Ostwald
Winter 94
W, 1:25-4:10, Minneapolis

(Concurrent with PubH 5736) Focus on characteristics that place the over 65 age group at high risk for disability, institutionalization, and death. Health maintenance, rehabilitation, and alternatives to institutionalization.

- Nurs 5940 Nursing Assessment of the Elderly.**
(2 cr; prereq basic course in health-history taking and physical assessment; Day class) Burns
Winter 94
W, 4:40-6:35, Minneapolis
Taking gerontological health histories and performing physical assessment. Emphasis on theoretically and empirically based variations of normal, common health disruptions; interpretation and classification of data.
- Nurs 5941 Care of the Elderly I: Physiological Concepts.**
(2 cr; prereq #; Joint Day/Extension class) Snyder, Camillo
Spring 94, Sec 1
W, 5:45-7:40, Minneapolis, Moorhead
Offered via interactive television between two sites. Exploration of functional patterns related to physiological aspects of aging; examination of research-based interventions used to maintain or restore optimal functioning of elderly.
- Nurs 5943 Special Educational Experiences in Nursing: Care of the Elderly II: Psychosocial Concepts.**
(2 cr; prereq human development across the lifespan course, #; Joint Day/Extension class) De Hart, Ryden
Fall 93, Sec 1
W, 4:40-6:35, Minneapolis, Moorhead
Offered via interactive television between two sites. Examination of psychosocial theoretical concepts related to the care of aged persons. Exploration of assessment and research-based interventions with an emphasis on promotion and restoration of health and supportive care.
- Nurs 5944 Care of the Elderly II: Psychosocial Concepts.**
(4 cr; prereq #; Day class) De Hart, Camillo
Fall 93
Manage the health care of elderly clients; test nursing interventions for maintaining and restoring health; emphasis on the psychosocial realm.
- Nurs 5946 Professional Issues in Advanced Gerontological Nursing Practice Roles.**
(2 cr; prereq minimum of 6 credits in gerontological nursing focus, #; RN for undergrad credit; RN with baccalaureate degree for graduate credit; Joint Day/Extension class) Feldman
Winter 94, Sec 1
W, 4:40-6:35, Minneapolis
Professional and policy-related issues common to advanced practice roles. Reimbursement, certification, professional relationships, standards of

care, legislation, and regulation as they pertain to nurse practitioners, professional practice, the health care system, and the care of older adults.

- Nurs 5947 Pharmacotherapeutics for the Elderly.**
(2 cr; prereq for undergrad credit, RN; for grad credit, RN with baccalaureate degree; Joint Day/Extension class) Camillo, DeHart
Winter 94, Sec 2
W, 1:25-3:20, Minneapolis
Pharmacological actions of prescription and over-the-counter medications commonly used by aged persons. Focus on recognition and interventions for adverse drug effects, side effects, drug incompatibilities, iatrogenic problems, and assessment of drug misuse and/or abuse. Therapeutic dosages for common chronic and acute health problems.
- Nurs 8020 Evaluating Quality in Community Health/Long-Term Care.**
(3 cr; prereq statistic course including inferential statistics; 8014 or equiv research course, #; open to non-nursing graduate students) Bull
Spring 94
W, 4:40-7:30, Minneapolis
Models and measurement in evaluating quality in community health/long-term care. Define long-term care from acute care.
- Nurs 8021 Community Health Nursing in Long-Term Care.**
(3 cr; prereq basic epidemiology course, 8010, (etc.); nursing grad student or #) Bull
Summer 94 (10 weeks)
T, 3:30-7:00
Nature of long-term care and community health nursing for families with adults who have self-care limitations.
- Nurs 8040 Public Health Interventions Across the Lifespan.**
(4 cr; prereq #; Day Class) Bearinger, Ostwald
Winter 94
T, 6:45-9:30, Minneapolis
Synthesis of knowledge of public health nursing and development as a foundation for designing multi-level intervention strategies. Health behavior models will provide framework for developing interventions for priority public health problems across the lifespan.

Nurs 8050 Problems in Nursing.
(1-9 arranged cr; prereq #; Day class) Nursing faculty
Fall 93, Winter 94, Spring 94

Seminar for graduate students in nursing working on Plan B programs or theses in gerontology.

The following courses are not primarily focused on aging issues, but include material of interest to students studying gerontology.

Nurs 5440 Core Concepts in Community Health and Long-Term Care.
(4 cr; prereq Nurs 5450, Day class) Lia-Hoagberg, Weisensee
Fall 93

T Th, 12:20-2:15, Minneapolis

Concepts of health and chronicity. Health assessment of family and community within the structure of health care delivery system. Professional role of nurse in community with research and populations-based focus on health enhancement and long-term care.

Nurs 5660 Basic Management in Long-Term Care Facilities.
(1-4 cr arranged; prereq for undergraduate credit, R.N.; for graduate credit, R.N. with baccalaureate degree. Qualified students may register for graduate credit at the U of M; Joint Day/Extension class. Interactive television course at three sites off-campus) Krichbaum
Fall 93, Sec 1 (Roseville), Sec 2 (Spring Lake Park),
Sec 3 (Oakdale)
Th, 4:40-8:45

Management of nursing in long-term care facilities. Emphasis on analysis of management theory and its relevance to current practice. Four modules: management, organization, regulation, and organization behavior.

Nurs 5691 Lifespan Growth and Development II.
(2 cr; prereq general psychology, general biology, 3690 or 5690 or equivalent or #; Independent Study) De Hart
Fall 93, Winter 94, Spring 94

Biological, sociological and psychological perspectives of human lifespan development from young adulthood through aging and death.

Nurs 5881 Biology of Cancer.
(3 cr; prereq Biol 1009; Extension class) McKinnell
Spring 94—W, 6:30-9:00, St. Paul

(Concurrent with GCB 3008) Biological aspects of etiology, phylogeny, and cellular processes involved in neoplasia. Growth differentiation of normal and cancer cells. The history of cancer research.

Nurs 8062 Qualitative Research in Nursing and Health Care.
(3 cr; prereq grad-level course in research, theory development; open to non-nursing graduate students; Day class)
Bull
Fall 93

W, 12:20-3:20, Minneapolis

Characteristics of qualitative research methods (phenomenology, ethography, grounded theory) and nature of knowledge generated. Relevance to health care and development of the discipline of nursing with discussion of entry to the field, data collection, and analysis.

OTOLARYNGOLOGY

Contact: Frank M. Lassman, Professor and Director of Graduate Studies, 625-3994 or 626-5775

Otol 5970 Directed Studies: Aging Auditory System.
(arranged cr; prereq #; Day class) Lassman, faculty
Day, time arranged, Minneapolis

Directed readings, pilot studies and preparation of reports on the structure and function of the aging auditory system.

PHARMACY PRACTICE

Contact: David Guay, Associate Professor, 221-8732

Phar 5007 Biology of Aging.
(2 cr; prereq soph; Joint Day/Extension class)
McKinnell
Winter 93

Th, 4:40-6:25, Minneapolis, Morris

(Concurrent with HSU 5031, SAPH 5007) Biological theories of aging are reviewed; biological changes associated with aging in selected organ and sensory systems are studied. The nutritional needs and medication use of the elderly are examined. Physical changes due to normal aging are contrasted with those having a pathological basis. Interactive televised course simultaneously taught on Twin Cities and Morris campuses. Contact instructor or call AUCA for further information: 612/625-9099.

Phar 5009 Multidisciplinary Perspectives on Aging.
(4 cr; prereq soph; Joint Day/Extension class) Smallen,
Cooper, AUCA faculty
Fall 93, Spring 94
M W, 4:40-6:25, Minneapolis

(Concurrent with AdEd 5440, CPsy 5305, HSU 5009, Nurs 5780, PA 5414, PubH 5737, Soc 5960, SW 5024) A multidisciplinary introduction to aging and the aging process. Topics include biological, social, psychological aspects of aging; theories of aging; death and bereavement; issues and problems of older adults in America; human services and their delivery systems such as social services, health, nutrition, long-term care, and education; public policy and legislation; environments and housing; advocates; retirement; lifelong learning; and leisure.

Phar 5517 Pharmacotherapy in the Elderly.
(2 cr; prereq third year pharmacy student or # ; Day class)
Larson
Winter 94
(Tentatively) Th, 10:10-12:05, Minneapolis

To educate and inform students of physiologic changes with aging, changes in drug disposition, and specific concerns with drug use in the elderly. Special emphasis on: long-term care facilities, age-associated diseases, pharmaco-economics and epidemiology, ethics, research and education.

PHYSICAL MEDICINE AND REHABILITATION

(Programs in Occupational Therapy and Physical Therapy)

Contact: Richard DiFabio, Associate Professor, 626-3591; Corinne Ellingham, Associate Professor, 626-3554

PMed 5810 Assessment of the Elderly.
(3 cr; prereq #; Joint Day/Extension class) Ellingham,
Thompson
Winter 94, Sec 1,
Th, 4:40-7:25, Minneapolis

Lectures, course materials and on-site experiences are designed to develop understanding and skill in developing and using cardiopulmonary endurance, strength, activities of daily living, and perceptual assessment techniques. Arranged experiences at high-rise apartments for the elderly and handicapped.

PMed 8170 Special Topics in Physical Therapy.
(1 cr; prereq #; open to students admitted to the U of M graduate school; Joint Day/Extension class) DiFabio, staff
Fall 93, Winter 94, Spring 94
Day, time arranged, Minneapolis

Tutorial self-study with instructor(s) in physical therapy and aging.

The following course is not primarily focused on aging issues, but includes material of interest to students studying gerontology.

PMed 5340 Human Development.
(4 cr; #; Day class) Ellingham, Fiterman
Fall 93
M W, 10:10-12:05, Minneapolis

Designed as a foundation course to acquaint students with the physiological, psychological and social development of the human being from conception to death.

PSYCHOLOGY

Contact: Matthew McGue, Associate Professor, 625-8305

Psy 5138 Psychology of Aging.
(4 cr; prereq Psy 5135, 5862, or #; Day class) McGue
Winter 94
T Th, 1:25-2:40, Minneapolis

Behavioral changes that occur in mid and late adulthood will be described and analyzed from psychological, biological and sociological perspectives. Methodology appropriate for studying behavioral aging and change will be described and applied to the cognitive and personality changes associated with aging. Although pathology will be considered, general focus will be on describing factors that contribute to the aging process.

Psy 8970 Methods in Aging Research.
(1 cr; prereq #; Day class) Gershenson, Kane, Maletta
Sec. 10—Fall 93
Winter 94, Spring 94
T, 4:30-6:00, Minneapolis

The focus of this year-long multidisciplinary seminar is on the comparison of strategies, methodologies and models employed by diverse disciplines to study issues and problems of aging.

PUBLIC AFFAIRS

Contact: Nancy Eustis, Professor, 625-4534 or 625-9505

PA 5413 Aging Policy Seminar.
(3 cr; prereq #: Joint Day/Extension class) Humphrey
Institute staff
Winter 94—Day, time TBA
Analysis of major issues in aging field.

PA 5414 Multidisciplinary Perspectives on Aging.
(4 cr; prereq soph; Joint Day/Extension class) Smallen,
Eustis, Patten, AUCA faculty
Fall 93, Spring 94
M W, 4:40-6:25, Minneapolis
(Concurrent with AdEd 5440, CPsy 5305, HSU 5009, Nurs 5780, Phar
5009, PubH 5737, Soc 5960, SW 5024) A multidisciplinary introduction
to aging and the aging process. Topics include biological, social, psycho-
logical aspects of aging; theories of aging; death and bereavement; issues
and problems of older adults in America; human services and their
delivery systems such as social services, health, nutrition, long-term care,
and education; public policy and legislation; environments and housing;
advocates; retirement; lifelong learning and leisure.

PUBLIC HEALTH

Contacts: G. Kenneth Gordon, Associate Professor, 624-5159;
Rosalie Kane, Professor, 624-3198
(See Independent Study.)

PubH 5736 The Elderly: A High-Risk Population.
(3 cr; prereq grad; Joint Day/Extension class) Ostwald
Winter 94
W, 1:25-4:10, Minneapolis
(Concurrent with Nurs 5782) Focus on characteristics that place the over
65 age group at high risk for disability, institutionalization, and death.
Health maintenance, rehabilitation, and alternatives to institutionalization.

PubH 5737 Multidisciplinary Perspectives on Aging.
(4 cr; prereq soph; Joint Day/Extension class) Smallen,
Grant, Kane, AUCA faculty
Fall 93, Spring 94
M W, 4:40-6:25, Minneapolis
(Concurrent with AdEd 5440, CPsy 5305, HSU 5009, Nurs 5780, PA
5414, Phar 5009, Soc 5960, SW 5024) A multidisciplinary introduction

to aging and the aging process. Topics include biological, social, psycho-
logical aspects of aging; theories of aging; death and bereavement; issues
and problems of older adults in America; human services and their
delivery systems such as social services, health, nutrition, long-term care,
and education; public policy and legislation; environments and housing;
advocates; retirement; lifelong learning and leisure.

PubH 5749 Long-Term Care Administration.
(3 cr; prereq MHA or PHA student; Day class) Grant
Fall 93
M, 8:00-8:50, W, 8:00-9:55

Management within long-term care organizations. Emphasis on institu-
tional living in nursing homes. Consists of lectures, field visits and
research papers.

PubH 5750 Long-Term Care Industry.
(3 cr; prereq MHA or PHA student or #; Day class) Grant
Spring 94
M, 10:10-12:05 and W, 10:10-11:00, Minneapolis
Overview of organization, financing, and delivery of long-term care
services to the aged. Demographic trends, financing structures, public
policies, and societal response to long-term care issues.

PubH 5780 Administration and Law in Long-Term Care.
(2-6 cr; Independent Study) Gordon, Feinwachs, staff
Fall Special Term, September 13-15 and December 9-10,
St. Paul

Minnesota Board of Licensure approved course for nursing home admin-
istrators. Approved for three areas of content: management (4 cr),
health care law (2 cr), or management, health care law and human resource
management (6 cr). Course combines on-campus seminars, correspon-
dence study, and final examination.

**PubH 5781 Gerontology and Services for Long-Term Care
Residents.**
2-6 arranged cr; Independent Study) Gordon, staff
Winter Special Term, January 10-12, March 21
March 22, St. Paul

A course combining five days of on-campus seminars with independent
study. Identifying needs and programs in long-term care institutionalized
settings.

PubH 5782 Practicum in Long-Term Care Administration.

(6 cr; prereq 5780, 5781, 5783, or 5787/5788,
or #; Independent Study) Gordon and preceptors
Fall Special Term (October 1)
Winter Special Term (February 1)
Spring Special Term (June 1)

A 400-hour practicum in a nursing home setting under the guidance of a preceptor.

PubH 5783 Managerial Accounting in Long-Term Care Administration.

(6 cr; Independent Study) Gordon, Tratner, staff
Spring Special Term (April 7-8, May 5-6, June 3)

Financial statement analysis, strategic planning, costing, control, and planning for capital needs in long-term care administration. Specific applications are made to Minnesota State Medicaid reimbursement, Rule 50 cost reporting, nursing home industry standards, and budgeting process.

PubH 5784 Issues in Long-Term Health Care.

(2 cr; Independent Study) Gordon, Aroskar, Fawcett
Course may be initiated at any time.

Reading course on topics affecting long-term health care: changing delivery of acute care services, right to die issues, patients' rights, patient responsibilities for health, and moral and ethical issues facing health care professionals.

PubH 5787 Public Policy, Regulation, and Compliance.

(2 cr; Independent Study) Gordon
June 20-21

A course in the funding mechanisms and regulatory compliance aspects currently in force for the long-term care industry.

PubH 5788 Management Information Systems in Long-Term Care.

(2 cr; Independent Study) Gordon
July 18-20

Introduction to the basic technology and concepts of computer supported management information systems for students who are pursuing the prelicensure program for long-term care administrators.

PubH 5932 Nutrition: Adults and the Elderly.

(3 cr; prereq 3000 level nutrition course or equivalent number, or #; Joint Day/Extension class) Krinke
Tentatively scheduled Fall 94

Review of current literature and research on nutrient needs and factors affecting nutritional status of adults, especially the elderly. Emphasis on selected population groups; programs to meet special needs.

The following courses are not primarily focused on aging issues, but include material of interest to students studying gerontology.

PubH 5648 Violence and Aggression Across the Life Cycle.

(1 cr; Extension class) ten Bensel
Winter Special Term, Sec 2 (22 January 1994)
S, 8:00-4:30, Minneapolis

Presentation of the latest theories and practice relative to intra-family violence across the life span. Following the ecological model, the course will cover fetal, child, adolescent, spouse, and elder abuse. Emphasis placed on prevention programs.

PubH 5734 Ethical Dimensions of Public Health.

(1 cr; prereq grad student or #; Joint Day/Extension class)
Aroskar
Fall Special Term, Sec 1 (Sept. 29, Oct. 6, 13, 27, Nov. 3)
W, 4:40-6:25, Mayo A367

Examination of ethical issues and dilemmas that confront public health professionals and agencies with discussion of how ethical/ value aspects interface with political, legal, economic, and cultural considerations. Must be taken S-N.

RECREATION, PARK AND LEISURE STUDIES

Contact: Carla Tabourne, Associate Professor, 625-5300

Rec 5240 Recreation and Aging.

(4 cr; prereq Rec 3540 or 5100 or #; Day class) Tabourne
Spring 94
M W, 1:25-3:20, Minneapolis

Examines the array of leisure services in the community and in the institution for aging individuals.

SOCIAL AND ADMINSTRATIVE PHARMACY

Contact: Ronald Hodsall, Associate Professor, 624-2487

SAPh 5007 Biology of Aging.

(2 cr; Joint Day/Extension class) McKennell
Winter 94

Th, 4:40-6:25, Minneapolis

(Concurrent with HSU 5031, Phar 5007) Biological theories of aging are reviewed; biological changes associated with aging in selected organ sensory systems are studied. The nutritional needs and medication use of the elderly are examined. Physical changes due to normal aging are contrasted with those having a pathological basis. Note: Tentatively scheduled to be simultaneously taught on Twin Cities and Morris campuses. Contact instructor or call AUCA for further information: 612/625-9099.

SOCIAL WORK

Contact: Jan Goodno, Student Personnel Worker, 624-9010

SW 3970/5970/8970 Special Topics: Individualized Research in Aging.

(Arranged cr; prereq #; Day class) Quam, Kivnick
Day, time arranged, Minneapolis

Independent study under tutorial guidance.

SW 5010 Seminar: Special Topics—Social Work Practice with the Elderly.

(3 cr; Extension class) Reinhardy
Winter 94, Sec 2

W, 5:00-8:30, Minneapolis

Clinical practice issues in working with older clients individually, with their families, and in groups. Attention will be given to the differences between work with well elderly and with the frail elderly.

SW 5024 Multidisciplinary Perspectives on Aging.

(4 cr; prereq soph; Joint Day/Extension class) Smallen,
Kivnick, Reinhardy, AUCA faculty
Fall 93, Spring 94

M W, 4:40-6:25, Minneapolis

(Concurrent with AdEd 5440, CPsy 5305, HSU 5009, Nurs 5780, PA 5414, Phar 5009, PubH 5737, Soc 5960) A multidisciplinary introduction to aging and the aging process. Topics include biological, social, psychological aspects of aging; theories of aging; death and bereavement; issues

and problems of older adults in America; human services and their delivery systems such as social services, health, nutrition, long-term care, and education; public policy and legislation; environments and housing; advocates; retirement; lifelong learning and leisure.

The following course is not primarily focused on aging issues, but includes material of interest to students studying gerontology.

SW 5211 Advanced Theories of Human Growth and Change.

(3 cr for graduate students; 4 cr for undergraduates; prereq graduate standing or 12 cr in social sciences)

Fall 93, Day class

T, 8:00-11:00 a.m., Minneapolis, Kivnick

Fall 93, Sec 1, Day class (open to MSW Weekend Studies students only)

S, 3:30-6:30 p.m., Minneapolis, Whitebird

Winter 94, Sec 1, Extension class

T, 7:00-10:00 p.m., Minneapolis, Edwards

Spring 94, Sec 2, Extension class

T, 4:45-7:45 p.m., Hennepin Cty. Government Ctr., Graham

Socio-psycho-biological factors associated with individual and group development as applied to social work practice.

SOCIOLOGY

Contacts: Donald McTavish, Professor, 624-4075 (on leave 1993-94); Katherine Simon Frank, Coordinator of Undergraduate Advising, 624-4300

NOTE: Sociology courses offered in the daytime may be registered for through Extension if the course is not also offered in the evening the same quarter. Contact Continuing Education and Extension for further information.

Soc 3937 Social Gerontology: Elders in American Society.

(4 cr; prereq Soc 1001 or #; Extension class) Instructor TBA
Tentatively scheduled 1994-95

Situations and problems facing aging people in modern societies. Aspects of human aging from a sociological perspective.

Soc 5938 Aging and the Life Course.

(4 cr; prereq 3201 or 5201, 3401 or 5401, 3937 or equiv or #; Day class) Instructor TBA

Tentatively scheduled 1994-95

Theories of aging, age stratification, generational change; comparative study at organizational and individual levels.

Soc 5960 Multidisciplinary Perspectives on Aging.
(4 cr; prereq soph; Joint Day/Extension class) Smallen,
AUCA faculty
Fall 93, Spring 94
M W, 4:40-6:25, Minneapolis

(Concurrent with AdEd 5440, CPsy 5305, HSU 5009, Nurs 5780, PA 5414, Phar 5009, PubH 5737, SW 5024) A multidisciplinary introduction to aging and the aging process. Topics include biological, social, psychological aspects of aging; theories of aging; death and bereavement; issues and problems of older adults in America; human services and their delivery systems such as social services, health, nutrition, long-term care, and education; public policy and legislation; environments and housing; advocates; retirement, lifelong learning, leisure.

The following courses are not primarily focused on aging issues, but include material of interest to students studying gerontology.

Soc 3501 Family System.
(4 cr; prereq 1001 or #; Day class) Reiss
Fall 93
M W F, 10:10-11:00, Minneapolis
Winter 94 (Extension class) Sandifer
Th, 9:30-12:00, McPhail Center
Spring 94, Fournier
T Th, 8:15-9:30, Minneapolis

The family in contemporary American society with attention to historical and cross-cultural comparisons; interrelationships with other social institutions, socialization, patterns of mate selection, life cycle processes and norms of human sexuality.

Soc 3551 World Population Problems.
(4 cr; Day class) Kennedy
Fall 93, T, Th, 12:45-2:00, Minneapolis
Winter 94
T Th, 12:45-2:00, Minneapolis

Population growth and natural resources, population dynamics, fertility and mortality in less developed nations, population forecasts, population policies to reduce fertility.

Soc 5855 Sociology of Medicine and Health Care: An Introduction to Medical Sociology.
(4 cr; prereq PubH 5790, sr, or grad; Day class) Litman
Fall 93
M W F, 11:15-12:05, Minneapolis

Social factors associated with incidence of physical and mental illness and treatment. Social organization of medical institutions. Public needs and medical services. Sociology of aging, social problems of the aged.

WOMEN'S STUDIES

Contact: Doris Marquit, Director of Undergraduate Studies, 624-9326

WoSt 3300 Topics in Women in Literature and the Arts: Older Women and the Arts.
(4 cr; Extension class) Basting
Spring 94, Sec 2
M, 6:20-8:50, Minneapolis

Images of aging women in the arts. Differences between the perspectives of older and younger women artists; the representation of aging along the axes of race, class, and sexuality; images of aging as they reflect current social conditions, how the arts can better represent the issues and conditions of aging.

WoSt 5201 The Older Woman: A Feminist Perspective.
(4 cr; prereq 12 cr in WoSt or substantial work in social sciences or psychology, or #; Day class) Faunce
Winter 94
W, 1:30-4:00, Minneapolis

Feminist and multicultural explorations of myths and realities surrounding female elders in areas including conceptualizations of older women, public and private settings and interactions, psychological and physical treatments, personal, sexual, social, professional, and community lives. Readings will include social-psychological, cultural, and historical material as well as biography, memoir, fiction, and poetry. Class format will be a blend of discussion, individual and/or group projects, and written assignments.

COORDINATE CAMPUSES-CROOKSTON

Campus Contact: Glenice Johnson, Assistant Professor,
218/281-6510, ext. 277

ARTS AND SCIENCES (Division of)

Soc 3937 Social Gerontology: Elders in American Society.
(4 cr; Joint Day/Extension class) Instructor TBA
Spring 94
M W, 2:00-3:40, Crookston

Overview of demographic data and projections pertinent to the over-65 population in the United States. Characteristics, changes, and concerns of older persons including physiological, psychological, social, economic, and political factors associated with age. Includes individual work with an older adult.

The following courses are not primarily focused on aging issues, but include material of interest to students studying gerontology.

ECL 1204 Adult Development.
(4 cr; Day class) Johnson
Spring 94
T Th, 2:00-3:40, Crookston

Human behavior and development from young adulthood through old age. Emphasis on physical, cognitive, social and emotional development.

FScN 1273 Diet Therapy I.
(3 cr; Day class) Instructor TBA
Spring 94
M W F, 10:00-10:50, Crookston

Development of diet for hospitals, nursing homes, penal institutions and summer camps with regard to age, activity, and condition of resident or patient.

FScN 1412 Nutrition Through the Life Cycle II.
(2 cr; prereq FScN 1312, Day class) Instructor TBA
Spring 94
M W F, 11:00-12:10, Crookston

Nutritional needs during the adult and later years. Format includes lectures, films and guest speakers. Starts in the sixth week of the quarter.

COORDINATE CAMPUSES-DULUTH

Campus Contact: Janine Watts, Associate Professor, Department of Psychology, 218/726-8186

COMMUNICATION SCIENCES AND DISORDERS

Contact: Susan Kreager, Departmental Secretary, 218/726-7974

CD 5500 Communication Disorders in Chronically Ill and Aged.
(3 cr; Day class) Hawk
Winter 94
W, 1:00-3:30, Duluth

Communication skills in the chronically ill and aged and the roles communication plays in the total rehabilitation and/or adjustment of patients. Emphasis on consideration of patient care needs in light of the nature and extent of communication description.

CD 8205 Adult Language Disorders.
(3 cr; prereq #; Day class) Mizuko
Winter 94
M, 9:00-11:30, Duluth
Theoretical and practical study of language disorders.

FAMILY LIFE

FamL 5325 Educating Adults.
(3 cr; prereq sr or grad or #; Day class) Collins
Fall 93
T Th, 2:00-3:15, Duluth

Adult learning and development. Planning, presenting, and evaluating formal and informal educational programs for adults.

FamL 5915 Projects in Family Life.
(1-6 cr arranged; prereq #; Day class) Watts
Fall 93, Winter 94, Spring 94
Day, time TBA

Individual inter-departmental exploration and research of a particular area of interest under faculty mentor guidance.

HEALTH

The following course is not primarily focused on aging issues, but includes material of interest to students studying gerontology.

Hlth 5340E Teaching Death Education.

(3 cr; Extension class) Wolfe

Spring 94

T, 6:00-8:40, Duluth

Examination of materials and methods for teaching death education; review of research and current literature; exploration of death, dying, grief, and bereavement as they relate to teaching.

PSYCHOLOGY

Psy 3341E Psychology of Aging and Elderly.

(3 cr; prereq 1003, 3331; Independent Study) Maddy

Fall 93, Winter 94, Spring 94

Duluth

Directed study of psychological factors involved in aging; services for the aging as a result of the Older American Act of 1965; educational opportunities for senior citizens based on state law; and the organization, coordination and administration of various kinds of homes and programs for the aged on the local level.

Psy 3351E Psychology of Adult Life.

(3 cr; prereq 3331; Extension class) Maddy

Spring 94

W, 6:00-8:40, Duluth

Adult years from youth until retirement. Theory and research on adult development emphasized. Application to personal development.

SOCIAL WORK

SW 8233 Practice with Elderly.

(3 cr; prereq 8003 or 8005 or #; Day class offered in the evening) Raschick

Spring 94

Th, 6:15-9:00, Duluth

Assessment, intervention, and evaluation knowledge and skills needed to provide quality services for the elderly.

COORDINATE CAMPUSES-MORRIS

Campus Contact: Ellen Ordway, Professor of Biology, 612/589-2211, extension 6308; Katherine Benson, Associate Professor, Psychology (on leave 1993-94), or instructor

PHARMACY PRACTICE

Phar 5007 Biology of Aging.

(2 cr; Joint Day/Extension class) McKennell

Winter 94

Th, 4:40-6:25, Morris

(Concurrent with HSU 5031, SAPH 5007) Biological theories of aging are reviewed; biological changes associated with aging in selected organ sensory systems are studied. The nutritional needs and medication use of the elderly are examined. Physical changes due to normal aging are contrasted with those having a pathological basis. Note: Interactive televised course simultaneously taught on Twin Cities and Morris campuses. Contact instructor or call AUCA for further information: 612/625-9099.

PSYCHOLOGY

Psy 3502 Developmental Psychology III: Adulthood, Aging, and Death.

(1-5 arranged cr; prereq 1201 and 1202 or #; Day class)

Daleo

Winter 94

M T W Th, 9:00-9:50

Spring 94

M T W Th, 12:00-12:50

Introduction to theory, data, and research concerning the age group from young adulthood to old age. Emphasis on physical, cognitive, and social changes.